

AWEX-G Forecast for Wednesday night, October 29 (October 30 UT)

Forecast: Clear but WINDY. Trof is expected to remain nearly stationary through the period. Winds will be too high for large sonde launches at 20mph gusting to 30.

Synopsis: 0Z surface analysis shows low pressure centered over KS/NE/CO corner with trof through TX panhandle.

OK mesonet: S/SE winds 10-20 mph in vicinity of Central Facility at 7:15pm.

Grant County forecast: Clear. Windy. Warmer. Lows in the lower 60s. South winds 15 to 25 mph.

RUC cloud forecast is favorable for clear conditions.

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WX: mostly clear early then thin to moderate cirrus developing during measurement period.

Winds increasing as night progresses. Sondes (using 350 g balloons due to high winds):

~0300 UT dual sonde launch of RS-80, RS-90 lost at ~ 5km due to package interference.

~0300 UT dual sonde launch of Internet and SnowWhite chilled mirror successful ~0540 UT successful launch of RS-80, RS-90 pair – data collected to ~25km

SRL operational from 0500 - 0715 UT